



Environmental Excellence

VOLUME 5; NO. 1: SPRING 2004

**Springfield-Greene County
Choose Environmental Excellence
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City of Springfield
Solid Waste Management Division

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Springfield-Greene County
Health Dept.

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City Utilities

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District "O"

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Lynn Feagan

VALLEY WATER MILL INSTITUTE PLANS PROGRESSING

In October Senator Kit Bond visited Springfield to announce his inclusion of one million dollars in a federal appropriations bill for the Valley Water Mill Institute. With the Senator's help, the Watershed Committee has already received a \$447,000 appropriation for project planning, design and the development of education and demonstration features.

Located on a 100-acre, publicly owned parcel of land on the north edge of Springfield, the Valley Water Mill Institute has been in the planning stages for several years. In 2001, the Watershed Committee's three financial sponsors - City Utilities of Springfield, Greene County and the City of Springfield - along with private donors, provided the initial funding for a needs assessment and the development of a concept plan. The idea was to create a unique, hands-on, state-of-the-art watershed learning and demonstration center.

As the project moved forward, the Watershed Committee obtained over \$700,000 through three separate grants to fund various components, including stormwater runoff and treatment demonstrations, an on-site wastewater training center, groundwater monitoring demonstrations, lake rehabilitation, wetland construction, and the building of trails and outdoor learning stations. Work on several of these components is currently proceeding at the site.

Assisting the Watershed Committee in the development of the Institute is an eighteen-member Task Force, composed of community leaders from a variety of backgrounds. Jeanette Unsell and Tim Smith Co-Chair this group, which has been meeting monthly to plan and advance the

project. The input of the Task Force is essential to the completion of the next steps, which include additional site assessments, the development of a business plan, documentation of the project progress, formulating an education plan and community fundraising.

CHOOSE ENVIRONMENTAL EXCELLENCE 2004 AWARDS



The fourth annual *Choose Environmental Excellence* awards will be presented on Friday, April 23rd.

Organizations and individuals sponsoring awards this year include: Solid Waste Management District "O"; Ozark Greenways, Inc.; Watershed Committee of the Ozarks, Inc.; and Barbara Lucks. The Springfield Area Chamber of Commerce will also be sponsoring an award this year for the first time. The awards will be presented at a luncheon meeting at the Chamber. Special invited guests in attendance will be Sara Parker, Deputy Director and Director of Outreach and Assistance Center, and Leanne Tippitt, new Director of the Air Pollution Control Program.

Earth Day 2004

Mark your calendars!
Springfield's city-wide celebration of
Earth Day
will be Saturday, April 17th.



Springfield-Greene County Choose Environmental Excellence 417-864-2006



Printed on Recycled Paper

BULL SHOALS FIELD STATION UPDATE

The SMSU Bull Shoals Field Station (BSFS) has had an exciting year. Our mission is to provide educational and research experiences for faculty, students and the public about southwest Missouri ecosystems. In 2003, approximately 500 people visited the BSFS for classes and our Open House. Six graduate students are conducting on-site research on bats, the effects of fire on tree regeneration and insect herbivory, and acorn consumption by mammals.

We received a grant from the National Science Foundation to help renovate the house on the property and in August the SMSU Board of Governors voted to purchase a house immediately outside the gate of the Drury Wildlife Conservation Area. With the purchase of the new house and renovations of the existing house, we have modern facilities for graduate students and classes to stay overnight.

In May, Celeste Prussia became the BSFS Manager. Celeste came to us from the Missouri Botanical Gardens where she was Director of the Litzinger Road Ecology Center. She has extensive background in administering and conducting environmental educational programs. She and her husband decided to move to their farm near Ava, Missouri. She has been a great addition with many, many ideas and skills, from developing new programs to finding new contacts to fixing generators and boats. We're excited about the possibilities with having Celeste as our Manager.

Our 2004 Field Day (Open House) is scheduled for May 22 and everyone is invited. We will have a variety of events including nature walks, seeing how bats are captured and tracked, tours of the new house, updates on renovations of the existing house, another silent auction and others. We already have some fly fishing gear from Bass Pro Shops for the Silent Auction.

If you would like to find out more about the BSFS, contact Janice Greene at 417-836-5306 or look at our website at <http://www.bullshoals.smsu.edu/>.

HUMAN AND ENVIRONMENTAL HEALTH

Mad cows, polluted lakes, disappearing family farms, spiking rural cancer rates...are there connections? *Human and Environmental Health* will be explored in a public forum at the Discovery Center during the Earth Day celebration, Saturday, April 17. A panel including farmers, health professionals and environmental experts will speak to the issues and take questions from the public. Workshops focusing on low-input yard care, water quality, food safety and health and healthy lifestyles are planned.

MONEY/WASTE SAVING

ACCOMPLISHMENTS AT SMS

Southwest Missouri State University, with assistance from the Springfield Public Works Department and MDNR, has been actively working to improve the solid waste and hazardous waste disposal practices. With support from top administrators and the faculty/staff of the College of Natural and Applied Sciences, the university is reducing the amount of waste being shipped off site for disposal. Waste reduction activities are being implemented in the Chemistry Laboratories and many wastes formally going for disposal have been determined to be non-hazardous and suitable for the sanitary landfill or sanitary sewers. The University has, however, adopted strict guidelines to prevent hazardous waste from being improperly disposed of. Savings the first year are expected to exceed \$30,000.

Solid waste and stormwater runoff issues are also being addressed. Steps are being taken to reduce the amount solid waste going to the landfill by increasing recycling activities. Measures are being taken to reduce the amount of contaminants in the stormwater by changing equipment washing activities and implementing stormwater controls.

HEALTHY SOIL, HEALTHY FOOD, HEALTHY PEOPLE

What can we do every day to improve our own health and the health of the planet? Some answers can be found in a new traveling exhibit from the Rodale Institute that opens at the Discovery Center of Springfield on February 20. *Healthy Soil, Healthy Food, Healthy People* uses interactive workstations, hands-on scientific demonstrations, models, videos and computer simulations to stimulate learning and inspire action. The exhibit seeks to empower children (and their caregivers) to develop a high regard for nature and the future of the environment, form a respect for their own health and the health of others and make informed choices about their lifestyle. The exhibition (partially funded by a grant from EPA Region VII and the Soil and Water Districts of Barton, Christian, Greene and Lawrence counties) continues through May 14.

**Every Sunday,
Americans waste 90% of
recyclable newspapers.
This wastes 500,000 trees!**



SPRINGFIELD TREE CITY USA CITIZEN'S ADVISORY COMMITTEE



In 2001 the Springfield Tree City USA Citizens' Advisory Committee (TCUSACAC) was established on a temporary basis to advise the Springfield City Council and appropriate City departments regarding the City's trees and urban forest, and to assist in continuing to qualify Springfield as a Tree City USA.

The committee launched several programs designed to make the public more aware of the importance of trees in our environment. The first was the establishment of the Springfield Tree Registry to promote the pride, history, beauty and benefits of the Community's trees. A fund has been established at the Community Foundation of the Ozarks to assist in this program. The NeighborWoods Program was also established to provide grants to Neighborhoods that are willing to help nurture and maintain trees in their neighborhoods. Last year 4 of these grants were awarded.

As a result of these and other programs the committee wishes to develop, the City Council agreed to give the committee permanent status and passed a resolution in 2003 establishing a nine member advisory committee to continue these programs and to advise the city on matters concerning the city's trees. Members will serve 3-year terms and any individual interested is encouraged to submit an application to the City Clerks office.

ZOO DOO SALES RETURN FOR SPRING



ZooDoo, Dickerson Park Zoo's composted herbivore manure, will be sold on Saturdays at 2 p.m. beginning March 27, while supplies last. ZooDoo is an excellent fertilizer to amend vegetable and flower gardens, and proceeds from

ZooDoo sales will benefit zoo projects.

The cost is \$30 for an average pickup truck load (approximately two cubic yards.) Reservations are required for ZooDoo. Please call the zoo office, 417-833-1570, during business hours Monday through Friday, 8 a.m. to 5 p.m., to make a reservation or for more information.

Zoo staff will load ZooDoo into open truck beds or trailers with a front-end loader. Smaller quantities are available. If you only need a small quantity of compost, please bring your own bags or buckets, a shovel or pitchfork and the people-power to load it. Smaller quantities are priced accordingly.

LEWIS AND CLARK EXHIBIT

The National Lewis and Clark Corps of Discovery II traveling exhibit will be at the Wonders of Wildlife Museum from April 17-25, 2004. Corps II is a mobile exhibit designed to provide visitors with an introduction to the Lewis and Clark story, including the natural history, cultural resources and the people of our nation before, during and after the Lewis and Clark Expedition.

The traveling exhibit includes two tents with interpretive exhibits and a performance tent called the Tent of Many Voices. The Tent of Many Voices provides a 40- by 70-foot space for live demonstrations, lectures, cultural presentations and audio-visual programs.

The exhibit will be open to the public from 9:00 a.m. until 6:00 p.m. each day.

JRBP NEWS

The James River Basin Partnership has recently appointed Holly Neill as the new Executive Director. She is a recent graduate from SMSU with a masters degree in Natural and Applied Science (Biology and Geology emphasis). Her thesis research was focused on the land use impacts on water and sediment quality of Tumbling Creek Cave in Taney County. Throughout her graduate studies she was part of the National Science Foundation GK-12 fellowship, which integrated scientist into the public school classroom. Holly has had the opportunity to volunteer with the National Park System and NOAA-Sandy Hook, NJ; Peace Corps-Jamaica, and local watershed groups. She is very excited about her new position with James River Basin Partnership and is eager to promote water quality throughout our region.

As spring approaches please remember our 319 grant that offers incentives to those living within the James River Basin. For more information please contact us at 836-8878 or 1-888-924-WATER

Soil Test Rebate - Soil testing and proper application of fertilizers on lawns helps prevent nutrient migration into ground and surface waters. Receive a soil test at 100% of actual cost (not to exceed \$12.00) and a nutrient management plan for your yard.

Septic Tank Pump Out - Proper maintenance of septic systems improves water quality by enhancing treatment of household wastewater. A cost-share incentive to cover locating and pumping of septic tank is offered.

**Approximately one billion trees worth of paper
are thrown away every year!**

AMERICA RECYCLES DAY SUCCESSES

Springfield celebrated America Recycles Day (November 15, 2003) on two successive (and successful!!) week-ends -- November 15 and November 22.

On November 15, the City's Lone Pine Recycling Center was the site of a celebration including exhibits, contests and refreshments. A number of the City's recycling partners -- Nestle Purina PetCare Company, Commercial Metals, Habitat for Humanity ReStore, the Computer Recycling Center, along with Ozark Greenways, Inc. joined the City's Solid Waste Management Division with displays. America Recycles Day "I Recycled Today" stickers were distributed along with lots of educational materials. Banners and a tent (with heaters!) added to the lively activities.

During the celebration at Lone Pine, the first city-wide e-waste collection also took place. Partnering with the Computer Recycling Center, 27,160 pounds (13.5 tons) of materials were collected -- 95% of which will be recycled!

On November 22, the city's first city-wide waste tire collection was held. This was partnering with the Urban Neighborhoods Alliance, the Community Partnership of the Ozarks, the Ozark Empire Fairgrounds, City staff from Planning, Public Works and Health Departments plus around 30 strong and energetic volunteers. Working with contractors Champlin Tire Recycling, Inc. and KB Recycling, 12 tractor trailer loads of waste tires were collected! Funding was from MDNR's Waste Tire Fee grant program.

"SPRING TRAINING" APPROACHES FOR VOLUNTEERS

Looking ahead to the spring and summer seasons, Friends of the Zoo is recruiting adult volunteers for the Docent (education volunteers) and Zoo Ambassador programs. Interviews for prospective volunteers will be scheduled in February 2004 with training for those accepted into one or both programs to following in early spring.

Spend time with other adults who share your respect for wildlife and wild places - and help Dickerson Park Zoo provide the community with quality recreation and education experiences.

To learn more about volunteering at Dickerson Park Zoo, please call the zoo office, 417-833-1570, or email info@dickersonparkzoo.org for a brochure and application packet.

Each ton (2,000 lbs.) of paper that
is recycled saves 17 trees!



CORPORATE GARAGE SALE

The James River Basin Partnership, in conjunction with Bass Pro Shops, will host the first annual Corporate Garage Sale for Conservation at the Ozark Mill in the city of Ozark, Missouri on June 10, 11 & 12, 2004.

The event is intended to increase citizen participation in water quality issues. To this end the event will center around an education venue to inform the public of water quality issues in the James River Basin. The Ozark Mill is a natural location for the event in that it sits on the banks of the Finley River, a major tributary of the James River, and provides a historic perspective of a quality water resource for the Ozarks.

The event will bring together common interest groups with a stake in resource conservation. While the overriding mission of JRBP is to protect and improve the water quality in our springs, streams, rivers and lakes the event promises a broad platform for public outreach on issues of environmental excellence.

The event kicks off on Thursday June 10, 2004 with a preview sale for JRBP members only. The public event kicks off on Friday the 11th. The garage sale offers a wide variety of obsolete furniture, fixtures and equipment from Bass Pro Shops and affiliates. Past sales of this type have raised more than \$58,000 for conservation and has attracted over 10,000 visitors. Groups interested in participating should contact Holly Neill, Executive Director of JRBP, at 836-8878.

This promises to become a landmark fundraising event for the James River Basin Partnership. Funds raised will be used to promote education and support efforts to protect the fragile water resource throughout the James River Basin.

Watch local news media for more information as the date draws near.

DO YOU KNOW AN EARTH HERO?



Dickerson Park Zoo will once again present the Earth Hero award to recognize those in the community who show a strong commitment to protecting the environment. The award recipients will be announced on Earth Day, April 22. Earth Hero candidates may be individuals or groups actively engaged in Earth-friendly activities to reduce waste, save wildlife or clean up the environment. Nomination packets will be available in mid-February from the zoo office. Please call 417-833-1570 for more information. Deadline for nominations is April 1, 2004.

STORM WATER HOTLINE

To report spills, dumping or discharges of pollutants to the storm water system or streams, or other water quality problems, call Springfield's Storm Water Services Division at 864-1901 or submit a Citizen Service Request at www.springfieldmogov.org/webapps/serv_req/.

What to watch for:

- *Dumping of motor oil or other chemicals in streets, ditches or storm drains
- *Discharges of commercially generated wash waters (e.g. from washing of trucks, equipment, parking lots, structures, or from services such as carpet cleaning) to the street and/or storm drains
- *Improper outdoor storage of chemicals and other materials that can pollute storm water runoff
- *Disposal of grass clippings, leaves, or other yardwaste in streets and ditches
- *Sediment discharging from construction sites, or other erosion problems (for construction site erosion contact the local MDNR office at 891-4300; for waterways erosion, contact Public Works Waterways Maintenance at 864-1470).

COPY THESE DOWN...

How green is your office? These tips will make it more eco-friendly, as well as saving some money.

- * **Use paper efficiently.** Making two-sided prints and copies, printing multiple images per page and printing on-demand (creating documents only in the quantity and at the time needed) prevents waste and saves energy. EPA estimates it takes 10 times more energy to manufacture a piece of paper than to create another print or copy.
- * **Recycle the paper you use and use recycled paper.** Install bins in several office locations to make it easy to collect paper for recycling or for reuse as notepaper. And commit to purchasing recycled paper - it can meet the same performance specifications as non-recycled paper.
- * **Return print/copy cartridges and supplies for recycling.** Never throw a spent toner cartridge away. These components have multiple lives. Remanufactured cartridges are built and tested to the same performance specifications as new-build products. Or consider using solid ink printers, which eliminate cartridges altogether and generate about 95% less waste during use than a typical color laser printer.

STORM WATER WEB PAGE

The City of Springfield Storm Water Services Division announces the release of a new web page and an interactive storm water map.

Storm Water Services Division Web Page: Learn about what the Division does, the basics of storm water, and the requirements of Springfield's NPDES storm water permit that gives the City the responsibility of monitoring the quality of storm water discharges. Meet the Division staff, download a variety of storm water documents, and view a list of current storm water improvement projects. Release of this web site represents a commitment by the City to increase public education and involvement on storm water issues.

<http://www.springfieldmogov.org/stormwater>

Interactive Storm Water Map: View storm water system features, permit sampling points, unfunded needs, service requests and flood reports for May 2002, July 2000 and September 1993.

<http://www.springfieldmogov.org/maps/>.

Any questions or comments can be directed to:

Carrie Lamb, Environmental Assistant
Storm Water Services Division
Department of Public Works
City of Springfield, Missouri
Phone: 417-864-1996
Fax: 417-864-1907
carrie_lamb@ci.springfield.mo.us

STORM WATER ANNUAL REPORT

Springfield's first annual report for the City's NPDES Storm Water Permit is now available and can be downloaded at www.springfieldmogov.org/stormwater. Bound color copies are also available at a reproduction cost of \$25 by calling 864-1996.

American consumers and industry throw away enough aluminum in a year to rebuild our entire commercial airplane fleet every three months!



Recycling one aluminum can saves enough electricity to power a TV or a 100-watt light bulb for three hours!

CALENDAR OF EVENTS

3rd Saturday of each month	Monthly Trail Work Days (9 a.m. - noon) For details, call 417-864-2015 or access: www.ozarkgreenways.org
March 5	Fantastic Friday (5 p.m. - 8 p.m.) Discovery Center - special programming featuring wellness
March 21	Monthly Trail Work Day (9 a.m. - noon) For details, call 417-864-2015 or access: www.ozarkgreenways.org
April 3	Table Rock Lake Shoreline Clean-Up For more information, contact David Casaletto (trlwq@inter-linc.net)
April 17	Earth Day Celebrated Trail Dedication - Valley Water Mill Hiking Trail (10 a.m.) For details, call 417-864-2015 or access www.ozarkgreenways.org Human and Environmental Health Community Forum Discovery Center. For information, contact Jim Hawkins 417-862-9910 x723 Free Family Fun Day Discovery Center - special programming with free admission!
April 17 - 25	Lewis and Clark Exhibit Wonders of Wildlife Museum
April 22	Earth Day Dickerson Park Zoo Earth Hero Award Presentation
April 23	Choose Environmental Excellence Awards Luncheon
April 30	Arbor Day
May 1- 2	Artsfest on Walnut Street
May ??	Bike to Work Week For details, call 417-864-2015 or access: www.ozarkgreenways.org
May 15	6th Annual Bass Pro Conservation 10K/2M Family Fun Run/Walk (8am) All proceeds go to Ozark Greenways - someone famous always shows up! For details, call 417-864-2015 or access: www.ozarkgreenways.org
May 22	5th Annual Ozark Greenways Adventure Race , Twin Bridges, Missouri For details, call 417-864-2015 or access: www.ozarkgreenways.org
June 5	National Trails Day For details, call 417-864-2015 or access: www.ozarkgreenways.org
June 12	River Rescue For more information, contact James River Basin Partnership at 417-836-8878
August 1	Free Family Fun Day Discovery Center - special programming with free admission!

CHOOSE ENVIRONMENTAL EXCELLENCE MEMBERS

BUSINESSES:

Arbor Care of the Ozarks
Kevin and Sandy Harrel
Arbor Management Service
Ellen McKenzie
Associated Electric
Wendy Myers
The Bank
Todd Parnell
Bass Pro Shops
Martin G. MacDonald
Butler, Rosenbury & Partners
Miles Beach, Architect &
Principal
Margaret Castrey & Assoc.
Margaret Castrey

Computer Recycling Center
Ken Reiss
Clairant LSM (Missouri), Inc.
Steve Hancock
Commercial Metals Company
Bob McCarty & Bill Yoast
Dayco Products, Inc.
Jon Schimpf
DomesticAide Home and
Office Cleaning, Inc.
Bob Dresner
ECO Fundraising
Sally Barritt

First Impressions Printing
Danny Correll
For the Love of Nature
Luinda L. Williams
The Forrester Group
Ray K. Forrester
Gregg Larsen
Landscaping, Inc.
Gregg Larsen
hci (Holland Chemical
International)
Midwest Environmental
Consultants, P.C.
Bill Lindsey

Nestle Purina Pet Care
Company
Elizabeth Aull
Salomon Smith Barney
Ann-Marie Shy
Southwestern Bell
Telephone
Pat Bly
3 M Springfield
Emily Crites
Watts Radiant
Birol Kilkis
Williams and Associates
Dalayna Williams

ORGANIZATIONS:

American Natural Fish &
Wildlife Museum
Vickie Evans
City of Springfield
Barbara Lucks
City Utilities of Springfield
Dave Fraley
Dickerson Park Zoo
Mike Crocker
Discovery Center
Ann Carter
Greene County
Dave Coonrod
Greene County Local
Emergency Planning
Committee
Joey McElwee
Habitat for Humanity
Re-Store

James River Basin
Partnership
Holly Neill
Master Gardeners of
Southwest Missouri
Gaylord Moore
Missouri Department of
Conservation - Southwest
Regional Office
Francis Skalicky
Missouri Department of
Conservation - Conservation
Nature Center
Linda Chorice
Missouri Department of
Natural Resources -
Southwest Regional Office
Bruce Martin

Natural Resources
Conservation Service
Rita Mueller
DeDe Vest
Ozark Greenways, Inc.
Terry Whaley
Ozark Mountain Paddlers
Rotary Club of Springfield -
Southeast
Steve Montgomery, Pres.
Sequoiata School
Solid Waste Management
District Region "O"
Tim Smith
Southwest Mo. Cooperative
Marketing Association
Bobby Gregg

Springfield Area Chamber
of Commerce
Brad Bodenhausen
Springfield Convention and
Visitors Bureau
Tracy Kimberlin
Springfield/Greene County
League of Women Voters
Study Middle School
University Outreach and
Extension Office of
Waste Management
Marie Steinwachs
Upper White River Basin
Foundation
Floyd Gilzow
Watershed Committee
of the Ozarks
Loring Bullard
Wonders of Wildlife
Amy Dooley

INDIVIDUALS:

Mark Bishop
Kerry and Brad Bodenhausen
Marsha Boone
Kevin Burgess
Ann Carter
Sally and Dean Carter
Linda Chipperfield
Tracy Christensen

Dave and Elisa Coonrod
Gary Deaver
Art Elbert
Becky Fay
Cory Fearing
Melida Gutierrez
Ann Hall
Tom Hembree

Karolyn Holdren
Drew Holt
Nancy Hopkins
Shae Johnson
Kevin S. Keppy
Birol I. Kilkis
Chuck Kroeger
Chris Landoll

Barbara J. Lucks
Judy and Paul McCune
Steve and Judy Meyer
Jeannie Moreno
Becky and Todd Parnell
Stephen D. Short
Terry Whaley

SHOW-ME YARDS & NEIGHBORHOODS CERTIFIED LAWN CARE PROFESSIONALS AND ASSOCIATES:

Advanced Lawn Care Co.
Affordable Lawn Care
All Service Lawn & Garden
Arbor Care of the Ozarks
Beautiful Days Landscaping
Bennett's LawnCare
Blade Runner
Bradfield Industries, Inc.
Caliber Lawn Service
City of Branson
City of Springfield Public
Works/Public Grounds
City of Springfield Public
Works
City Utilities of Springfield

Clark's Creative Landscaping
Cochran Lawn Care
Cutting Edge Lawn Care
Envirascapes
Galloway Greenscape LLC
Gardening with Nelda
Green Acres Lawn and
Landscape
Gregg Larsen
Landscaping, Inc.
JCB Enterprises
King Landscaping
Leisure Lawn Services
Mac's Lawn and Tree Care
Meadow Green of Springfield

Missouri Dept. of
Agriculture
Myron Royce Farms
Natural Elements
Ozark Greenways, Inc.
Ozark Native Plant Works,
LLC
P & D Lawn Stylists
Professional Landscape
Services
Robinson Lawn Service
Short Grass
Southern Missouri Mulching,
Inc.
Southwest Missouri State
University
Speedy Sharp and Lube

Springfield/Greene County
Parks Department
Springfield Lawn and Yard
Stan's Lawn Service
Stine's Lawn Mowing
Terrascapes
Terry's Landscape
The Grounds Keeper
TruGreen ChemLawn
University of Missouri -
Rolla
Vauble Construction
Wolfe Lawn and
Landscaping
Zummo Agricultural Group



Show-Me Yards & Neighborhoods Lawn Care Professionals Certification Program

The following companies, institutions, and organizations have completed the Show-Me Yards & Neighborhoods Lawn Care Professionals Certification Program and are committed to protecting the environment with their products and services and, further, are committed to educating their customers and members in the use of environmentally sound lawn care practices.



<u>COMPANY</u>	<u>PHONE</u>	<u>CONTACT(S)</u>
Advanced Lawn Care Co.	(417) 833-6575	Carl Davis
Affordable Lawn Care	(417) 883-6179	Rick Curtis
All Service Lawn & Garden	(417) 882-4543	David Lowry
Arbor Care of the Ozarks	(417) 890-7776	Kevin and Sandy Harrel
Beautiful Days Landscaping	(417) 886-7468	Seth Entwisle
Bennett's LawnCare	(417) 732-7780	Bruce Bennett
Blade Runner	(417) 882-9832	Bruce Fuller
Bradfield Industrial, Inc.	(417) 882-1557	Bob Scott
Caliber Lawn Service	(417) 863-1430	Kevin Bowerman, Jeff Moore
City of Branson	(417) 337-8544	Cheryl Verdeyen
City of Springfield Public Works/Public Grounds	(417) 864-1417	Michael Leffler
City of Springfield Public Works	(417) 891-1660	Mike Stafford
City Utilities of Springfield	(417) 831-8402	David Wilkerson
Clark's Creative Landscaping	(417) 732-6653	James (Mike) Clark
Cochran Lawn Care	(417) 881-5413	Dennis Cochran
Cutting Edge Lawn Care	(417) 889-6574	Saverio (Sal) Macaluso
Envirascapes	(417) 860-2486	Konstantinos Savvenas
Galloway Greenscape LLC	(417) 887-9947	Keith Harris
Gardening with Nelda	(417) 887-0201	Nelda Zehner
Green Acres Lawn and Landscape	(417) 869-8636	Ruth Crigger
Green Acres Lawn and Landscape	(417) 869-8636	Robert and Karen Ford
Gregg Larsen Landscaping, Inc.	(417) 889-4285	Gregg Larsen
JCB Enterprises	(417) 880-9449	Jimmy C. Morris
King Landscaping	(417) 532-1622	David King
Leisure Lawn Services	(417) 833-2717	Russ Prichard
Mac's Lawn and Tree Care	(417) 848-7336	Dennis McElderry
Meadow Green of Springfield	(417) 882-6286	Nick Miller
Missouri Dept. of Agriculture	(573) 751-5511	James Collins
Myron Royce Farms	(417) 449-2648	Brian Fesseden
Natural Elements	(417) 866-4901	Tina Hymer
Ozark Greenways, Inc.	(417) 864-2015	Terry Whaley
Ozark Native Plant Works, LLC	(417) 369-6102	Frank Reynolds, Jr.
P & D Lawn Stylists	(417) 882-3060	Daniel and Patricia Dulany
Professional Landscaping Services	(417) 725-2203	Greg R. Colboch
Robinson Lawn Service	(417) 865-9229	Dennis M. Robinson
Short Grass	(417) 860-1899	Jared Cooper
Southern Missouri Mulching, Inc.	(417) 831-6030	Travis Gathman
Southwest Missouri State University	(417) 836-5963	Richard T. Murphy, Jr.,
Southwest Missouri State University	(417) 836-5963	Chris Strodtman, Jeff Henry
Speedy Sharp & Lube	(417) 833-2717	Russ Prichard
Springfield/Greene County Parks Dept.	(417) 864-1049	Larry Smith, Richard Dutcher,
Springfield/Greene County Parks Dept.	(417) 864-1049	Raymond Hymcik, David Brannon,
Springfield/Greene County Parks Dept.	(417) 864-1049	Lou Campbell, Bill Fitzgerald,
Springfield/Greene County Parks Dept.	(417) 864-1049	Josh Curnutt, Al Judycki,
Springfield/Greene County Parks Dept.	(417) 864-1049	Matthew Lair
Springfield/Greene County Parks Dept.	(417) 353-6422	Richard A. Mayer
Springfield Lawn and Yard	(417) 831-5041	Joseph Bennett
Stan's Lawn Service	(417) 831-5444	Leon Dugi III
Stine's Lawn Mowing	(417) 725-1636	Carl Stine
Terrascapes	(417) 890-5901	D. Michael Dressler
Terry's Landscape	(417) 833-1030	Terry Brown
The Grounds Keeper	(417) 887-6054	Steven Schmidt
	(417) 869-2949	Russell Scott Terrell
TruGreen ChemLawn	(417) 832-5661	Shane Williams
University of Missouri-Rolla	(573) 341-4251	Charles (Jim) Duncan
Vauble Construction	(417) 869-8713	Larry Vauble
Wolfe Lawn and Landscaping	(417) 863-9270	Mark Wolfe
Zummo Agricultural Group	(417) 886-8568	Richard Zummo

~ Show-Me Yards & Neighborhoods is a project of Springfield/Greene County Choose Environmental Excellence ~

Funding Provided By:

Missouri Dept. of Natural Resources
City of Springfield/Public Works
Watershed Committee of the Ozarks
James River Basin Partnership

Technical Assistance Provided By:

Natural Resources Conservation Service
University of Missouri Outreach & Extension
Master Gardeners of Southwest Missouri
Ozarks Technical Community College
Turf & Landscape Management Program

Supporting Partners:

Greene County Resource Mgt.
City Utilities of Springfield
Southwest Missouri RC&D
Greene County Soil & Water
Conservation Service
League of Women Voters



Missouri Department of Natural Resources

Funded, in part, by a grant from US EPA under Section 319 of the Clean Water Act.

Springfield-Greene County Choose Environmental Excellence 417-864-2006

GREENING THE HEARTLAND: BEYOND SUSTAINABILITY

Greening the Heartland 2004: Beyond Sustainability is a two-day regional conference that is setting the stage as the region's leading green building and sustainability conference!

This conference will be dedicated to Design and Construction, Alternative Renewable Energy, Regional Perspectives, Education, Health and Social Issues, and Government and Business.

Goals for the conference are to:

- >Provide a forum to bring together those involved in promoting and supporting green building and sustainability in the American Heartland
- >Serve as the leading green building and sustainability conference in the Midwest to advance the state-of-the-art in green building and the market
- >Highlight sustainability innovations, programs and activities in the region and work toward increasing levels of integration and coordination as we move into the 21st century
- >Provide a resource base of services, products and tools that are locally available to support a local sustainability network

Keynote Speakers:

This conference will include keynote sessions delivered from some of the nation's foremost sustainability thought leaders: *Ray Anderson, Interface; Bob Berkebile, BNIM Architects; Christine Ervin, USGBC; Amy Liu, The Brookings Institution.*

For more information or to register, visit the conference web site at:

www.mogreen.org

NEW PUBLICATIONS AVAILABLE

Revised! Expanded!
"Guide to Recycling in Springfield"

New!
"Approved Disposal of Sharps/Needles Generated by Households/Residences"

Both publications are available from Solid Waste Management Division of the City of Springfield's Public Works Department at 864-1905 or visit the web site at:

www.springfieldmogov.org/recycling

NATIVE PLANTS IN THE SUSTAINABLE LANDSCAPE - ONE DAY WORKSHOP

Using Missouri's native plants in corporate, municipal and residential landscapes is the theme of a workshop and trade show scheduled for February 12, 2004. The workshop will feature several area landmark corporate campuses and public spaces, including **Alberici Constructors** new world headquarters, **Maritz** world headquarters, **Weldon Spring Site Interpretive Center** and **St. Louis Forest Park**.

Offered by the Missouri Department of Conservation Grow Native! program in collaboration with the Missouri Botanical Garden/Shaw Nature Reserve, the St. Louis Chapter of the American Society for Landscape Architects, and the Horticulture Co-op of Metro St. Louis, the event aims to demonstrate the many ways landscape professionals and homeowners can use natives to solve environmental and economic problems, enhance wildlife habitat and increase natural beauty. Landscape professionals, as well as the public, are invited to attend.

The workshop starts at 8:30 a.m. on Thursday, February 12th at Maritz world headquarters auditorium in Fenton and it runs until 4:30 p.m. Cost is \$35 and includes lunch. To register, call Scott Woodbury at Shaw Nature Reserve (636) 451-3512 ext. 6078.

Take the foam peanuts and bubble wrap
from your purchases
and take them to
a mailing or shipping store
where they can be reused.

WATERSHED AND WATER QUALITY PLANNING: INNOVATIVE STRATEGIES FOR MEETING REGULATORY AND GROWTH CHALLENGES

Tuesday, March 2, 2004
9:00 a.m. to 3:00 p.m.
at University Plaza, Holiday Inn
Springfield, MO

Sponsored by Greene County, City of Springfield and
Carollo Engineers

To register, please contact Katie Gonzales by phone at
(816) 942-5027 or email at kgonzales@carollo.com

Bring your own bag to the store
when you go shopping.

Springfield-Greene County Choose Environmental Excellence 417-864-2006

FROM SHOW-ME YARDS AND NEIGHBORHOODS

"Take Home Tips"

General information to make your yard healthy for you
and the environment

"Cool-Season Grasses Lawn Care and Maintenance Calendar"

Features both organic and non-organic
alternatives to lawn care

To obtain a copy,
call 864-2006 or visit the web site at:
springfieldmogov.org/community/cee_showme.html

IS YOUR YARD A SHOW-ME YARD?

Show-Me Yards and Neighborhoods is an educational program designed to raise awareness about the role urban storm water runoff plays in the water quality of nearby streams, creeks, rivers and lakes. Through voluntary educational activities, SMY&N offers environmentally responsible alternatives to traditional lawn care and construction practices that contribute to the runoff of contaminants and excess nutrients. SMY&N also recognizes and commends individuals and professionals that put the SMY&N techniques into practice -- homeowners can earn an attractive yard sign and professionals can become certified! For more information, call Show-Me Yards & Neighborhoods at 864-2006 or visit the web site at:

springfieldmogov.org/community/cee_showme.html

MISSOURI RECYCLES!

The Missouri Recycling Association supports waste reduction and recycling efforts in Missouri by providing information, educational opportunities and technical support in partnership with state, national and regional organizations. MORA provides a forum for sharing information through workshops, meetings and an annual conference. Members cooperate on a regional level to share experiences and encourage market development for recovered materials.

Visit MORA's web site!

Check out current market trends.

Find out where you can purchase recycled content
products in Missouri.

www.mora.org

OZARK GREENWAYS LAND TRUST RECEIVES NATIONAL ATTENTION

On Nov. 25, the Ozark Greenways Land Trust Committee celebrated a newly preserved property adjoining Wilson's Creek National Battlefield. This important land trust project is the first use of the Farmland Protection Program in Missouri. A total of 102 acres of historic farmland have been protected from development with a conservation easement through Ozark Greenways, in cooperation with the U.S. Department of Agriculture, Natural Resources Conservation Service, Wilson's Creek National Battlefield Foundation, National Park Service and landowners, Bill and Colleen Kary.

Due to the significance of this initiative for farmland protection and historic preservation, several national agency representatives were in attendance, as well as Edwin C. Bearss, retired Chief Historian of the National Park Service and the renowned Civil War expert who helped draw the original boundaries of the Battlefield.

Special thanks to DeDe Vest and Ron Caplinger for their leadership on this project.

GREEN PAPER TERMINOLOGY

- > **Preconsumer material:** refers to any recovered material other than postconsumer, including some waste from manufacturing, converting and printing processes
- > **Post consumer material:** an end product that has completed its life cycle as a consumer item and would otherwise have been disposed of as a solid waste
- > **Recycled content:** as listed on product labels, may include postconsumer and/or preconsumer materials

Environmentally-preferred paper products are those which minimize the impact on the environment through the process of manufacture, distribution, use, recycling and disposal.

Bleaching terms:

- > **PCF:** processed chlorine-free (contains recycled content produced without elemental chlorine or chlorine derivatives)
- > **% PCF:** partially processed chlorine-free (the listed percent is recycled content produced without elemental chlorine or chlorine derivatives, but the virgin portion is not TCF)
- > **TCF:** totally chlorine-free (virgin paper produced without chlorine or chlorine derivatives)
- > **ECF:** elementally chlorine-free (virgin paper produced without elemental chlorine, but with chlorine derivatives)

If none of these are listed, then the paper is bleached with chlorine.

LOCAL DEVELOPER CONTRIBUTES TO GOOD WATER QUALITY

*By Carrie Lamb, Environmental Assistant
Storm Water Services Division*

When Dan Scott, local architect with Jericho Development Company LLC, began planning the renovation of the Marquette Hotel at Jefferson and Walnut, he knew that power washing would be necessary to remove several layers of paint from the building's exterior. If proper measures were not taken, residue in the wash water would be carried to nearby waterways via the storm water drainage system. When he contacted Springfield's Storm Water Services Division to inquire about proper handling of the wash water, the Division was pleased to see this concern for water quality from the business sector. The City's Storm Water Services and Sanitary Services Divisions worked with Mr. Scott to comply with the storm water and wastewater regulations mandated by federal and state law.

Springfield received its National Pollutant Discharge Elimination System (NPDES) storm water permit from the Missouri Department of Natural Resources in July 2002, becoming the first city in the State of Missouri to do so. This permit assigns to the City the responsibility of monitoring the quality of storm water discharging from the storm water system to area waterways and requires the development of a storm water management program. The NPDES Program legislation was not accompanied by a funding appropriation. Cities that are subject to these laws must meet the permit requirements of this unfunded mandate with existing resources. For this reason, voluntary efforts to inquire about and follow good storm water practices are an extremely valuable part of a successful storm water management program.

According to federal and state regulations, wash waters, such as those generated from exterior power washing of the Marquette Hotel, need to be completely contained and disposed of through the City's sanitary sewer system, which carries wastewater to the City's two treatment plants. Atkins Weatherproofing, the contractor retained by Mr. Scott for the exterior paint removal, worked with the Sanitary Services Division to obtain approval for disposal of the wash waters in an on-site sanitary sewer drain. Containing and pumping the waters to the sanitary sewer drain was accomplished with the use of a few sandbags and a small sump pump and hose. Frank Atkins, owner of Atkins Weatherproofing, commented on this process. "It was not as much of a headache as we had anticipated in the beginning. This project is a pretty difficult one in terms of size and the number of layers of paint to be removed. No contractor should have a problem with doing this on any project." In working with Mr. Atkins, the Storm Water Services Division also stressed the importance of good

"housekeeping" practices, including daily cleanup of the project site and allowing ample time for thorough cleanup when rain is forecasted.

As the City increases its efforts to improve public awareness of storm water quality issues, simple measures such as those used in this project should become commonplace. The City of Springfield commends Dan Scott of Jericho Development Company LLC and Frank Atkins of Atkins Weatherproofing for their efforts. This project is just one example of good storm water practices. Other ways in which businesses and citizens can make an important contribution to protecting the water quality of our community include properly disposing of yardwaste and household chemicals, minimizing the use of lawn fertilizers, and reporting illegal discharges and water quality problems.

To inquire about good storm water practices or to report illegal discharges or water quality problems, please contact the City of Springfield Storm Water Services Division at 864-1901.

WELCOME!

Springfield's Public Works Department recently created a new Urban Forester position and the job has been awarded to **Alan Moore**. Alan began in November and his duties include monitoring city street trees, coordinating the new Neighborwoods program and assisting the public, city staff and other agencies on urban forestry issues. He will also manage the city tree permit program, help develop, revise and enforce applicable city ordinances and coordinate efforts to ensure that Springfield continues to be a Tree City USA.

Alan grew up in Houston, Texas. After receiving a forestry degree from Texas A&M in '93, he worked on projects that took him all over, including Nebraska, Florida, Idaho, Washington, California, Georgia and Ohio.

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As a result of the park sales tax approved in 2001, the Springfield-Greene County Park Board has hired its first Park Planner, **Jerany Jackson!**

Jerany grew up in Neosho and Monett. After graduating in 1992 with a degree in landscape architecture from the University of Arkansas in Fayetteville, she began her career with a major world-wide planning and design firm in Fort Lauderdale. Since then she has traveled extensively, including time spent living in Italy and Japan. Eight years ago, she and her husband moved back to Springfield. More than anywhere she's been, southwest Missouri is the best place she's found to call home for her family.



# Environmental Excellence

**Springfield-Greene County  
Choose Environmental Excellence  
Steering Committee**

**Barbara Lucks**  
City of Springfield  
Solid Waste Management Division

**Kevin Gipson**  
Springfield-Greene County  
Health Dept.

**Marie Steinwachs**  
University of Missouri  
Outreach and Extension

**Brad Bodenhausen**  
Springfield Area  
Chamber of Commerce

**Terry Whaley**  
Ozark Greenways, Inc.

**Ann Carter**  
The Discovery Center

**Chuck Kroeger**  
Missouri Dept. of Natural Resources

**Dave Fraley**  
City Utilities

**Dave Coonrod**  
Greene County  
Presiding Commissioner

**Loring Bullard**  
Watershed Committee  
of the Ozarks

**Cindy Garner**  
Missouri Dept. of Conservation

**Francis Skalicky**  
Missouri Dept. of Conservation

**DeDe Vest**  
Natural Resources  
Conservation Service

**Jon Schimpf**  
Dayco

**Holly Neill**  
James River Basin Partnership

**Becky Fay**  
University of Missouri  
Outreach and Extension

**Tim Smith**  
Greene County  
Resource Management

**Randy Lyman**  
City of Springfield  
Sanitary Services

**Bob Hamilton**  
Solid Waste Management  
District "O"

**Karl Barke**  
Springfield-Greene County  
Health Dept. - Air Quality Control

**Ann Hall**

**Gary Deaver**

**Rená Bass**

**Lynn Feagan**

## **ABOUT SPRINGFIELD/GREENE COUNTY** **CHOOSE ENVIRONMENTAL EXCELLENCE**

***Choose Environmental Excellence!*** A simple statement, a declaration, a command or just a reminder that we all have this great power to choose. The simple choices that we make every day can and do make a difference - especially when they are joined by thousands of Missourians throughout the state. This is the underlying premise of Missouri's ***Choose Environmental Excellence*** campaign, which was formally launched with a proclamation from Governor Carnahan on Earth Day, April 22, 1998.

Patterned after the highly successful Environmental Excellence Campaigns which began in Kansas City in 1994, ***Choose Environmental Excellence*** is a partnership of business, government, and private citizens all acting together to improve our environmental awareness and actions in the daily choices we make. Each participant is asked to make a simple commitment to do a better job. Whether the issue is air quality, waste disposal, groundwater contamination or hazardous waste, the underlying environmental problems are created by all of us: individuals, businesses/organizations, and governments. We voluntarily create these problems through our daily choices, and if change is to occur, we must also choose to solve them.

***Choose Environmental Excellence*** asks for personal commitments and then provides support through workshops, newsletters, and technical materials. Wherever possible, ***Choose Environmental Excellence*** seeks out the good work people are doing, recognizes it, and encourages positive models for others in the community.

With funding provided by EIERA through a Missouri Market Development Program, ***Choose Environmental Excellence*** is available at no charge to local communities throughout the state. It is a real partnership with leadership from the environmental, business, and government communities. The Missouri EIERA Market Development Program and Bridging the Gap, Inc., with the Missouri Department of Natural Resources, constitute the initiating partners in this statewide effort.

Springfield/Greene County's ***Choose Environmental Excellence*** is a partnership including local environmental organizations, city and county governments and agencies, businesses, civic organizations and individuals. We're all in this together. The simple choices we make every day can and do change the world. You, too, can make a difference...

***Choose Environmental Excellence!***

## CHOOSE ENVIRONMENTAL EXCELLENCE

### ..You can make a difference!

*Choose Environmental Excellence!* A simple statement, a declaration, a command, a reminder that we all have this great power to choose. The simple choices that we make every day can and do make a difference--especially when we are joined by thousands of Missourians throughout the state. This is the underlying premise of Missouri's *Choose Environmental Excellence* campaign, which was formally launched with a proclamation from the Governor on Earth Day, April 22, 1998.

Springfield/Greene County is a unique, environmentally fragile area, blessed with natural beauty and citizens who treasure that beauty. Working together, we do make a difference. *Choose Environmental Excellence* asks for personal commitments and then provides support through workshops, newsletters, and technical materials. Whenever possible, *Choose Environmental Excellence* seeks to showcase the good work people and organizations are doing, recognizes it, and encourages positive models for others in our community.

It's free and easy to participate. Simply make a commitment to begin and continue to take simple steps to help the environment and *Choose Environmental Excellence* helps you along the way! The program provides information to participants through *Simple Steps*, newsletters, workshops and forums. These discussions give participants the opportunity to learn from the success of others.

Finally, *Choose Environmental Excellence* provides incentives for participants to make meaningful and continual progress in their environmental programs through annual Environmental Excellence Awards at both the local and state levels.

**Environmental Excellence is a matter of choice.** You can take simple steps that really make a difference. To join, just fill in the pledge card below and drop it in the mail to:

*Choose Environmental Excellence*  
PO Box 8368  
Springfield, MO 65801

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/Zip: \_\_\_\_\_

Phone/Fax/E-Mail: \_\_\_\_\_

**YES! We *Choose Environmental Excellence*.** We support efforts to provide information and resources to help businesses, individuals, non-profit organizations and government make wise choices to improve our environment.

## CHOOSE ENVIRONMENTAL EXCELLENCE

### ...You can make a difference!

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## REGULAR AUTO MAINTENANCE SAVES MONEY AND THE ENVIRONMENT

Planned maintenance and proper operation of your vehicle will help the environment. It will also make your car safer, more efficient and can make it last up to 50% longer.

Follow these tips:

- \* Keep your engine tuned up. A mis-firing spark plug can reduce fuel efficiency as much as 30%. Replace fluid and filters as recommended.
- \* Follow manufacturers' service schedules, replacing items as recommended.
- \* Do-it-yourselfers: Dispose of used motor oil, antifreeze/coolants, tires and old batteries properly. Never dump materials on the ground, in stormwater drains or in open streams.

- \* Check tires for proper inflation. Proper tire care will increase the life of your tires - resulting in less tire waste - and increase your fuel efficiency.
- \* Observe speed limits. Mileage decreases sharply above 55 mph.
- \* Avoid sudden accelerations and jerky stop-and-gos. Use cruise control on open highways to keep your speed steady.
- \* Avoid excessive idling. Shut off engines when you are waiting to load passengers.
- \* Regardless of distance - across the country or across the city - plan your trip to eliminate excessive driving. Travel when traffic is light to avoid excessive idling and stop-and-gos.
- \* Pack light - less weight means better gas mileage. Luggage or cargo should be kept in the trunk; roof storage causes air drag.
- \* Join a car pool or bike to work.

